



## **Green Trends 2011**

# **Achieving Florida Water Star<sup>SM</sup> – Two Case Studies**

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- It's not “either”
- It's not “or”
- Research to estimate and compare the annual carbon footprints and carbon intensities associated with producing potable water
- By evaluating the use of Tampa Bay Water's production facilities



# Just the Facts

- Annual production between 2006-2009 has declined 3%
  - 70% Groundwater
  - 23% Surface water
  - 7% Desal
- Annual metric tons of CO<sub>2</sub>e between 2006-2009 has increased 95%
- Annual electricity costs between 2006-2009 have increased 138%



# The Bottom Line

- Water supplies are costly both economically and ecologically
- Conservation and efficiency are often the most cost-effective “alternative supplies”

- Questions?

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